#2

OIPE

RAW SEQUENCE LISTING   DATE: 12/18/2000
PATENT APPLICATION: US/09/718,591   TIME: 19:40:42

Input Set : A:\6633US02.txt
Output Set: N:\CRF3\12142000\I718591.raw

**Does Not Comply
Corrected Diskette Needed**

```
 4 <110> APPLICANT: Abbott Laboratories
 5        Haviv, Fortuna
 6        Henkin, Jack
 7        Bradley, Michael F.
 8        Kalvin, Douglas M.
 9        Schneider, Andrew J.
11 <120> TITLE OF INVENTION: PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY
14 <130> FILE REFERENCE: 6633.US.02
16 <140> CURRENT APPLICATION NUMBER: US/09/718,591
16 <141> CURRENT FILING DATE: 2000-11-22
16 <150> PRIOR APPLICATION NUMBER: US 60/166,791
17 <151> PRIOR FILING DATE: 1999-11-22
19 <160> NUMBER OF SEQ ID NOS: 1
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 11
25 <212> TYPE: PRT
26 <213> ORGANISM: Antiangiogenic Peptide
28 <220> FEATURE:
29 <221> NAME/KEY: VARIANT
30 <222> LOCATION: (1)...(1)
31 <223> OTHER INFORMATION: Xaa = R1-(CH2)n-C(O)- wherein R is N-acetylamino
32        at position 1
34 <221> NAME/KEY: VARIANT
35 <222> LOCATION: (2)...(2)
36 <223> OTHER INFORMATION: Xaa = Ala, B-Ala , Asn, Cit, Gly(Et), Gln, Glu,
37        Met, N-MeAla, N-MePro, Pro, Glu(pyro), and Sar at
38        position 2
40 <221> NAME/KEY: VARIANT
41 <222> LOCATION: (2)...(2)
42 <223> OTHER INFORMATION: Xaa = Ser, Thr, H3C-C(O)-HN-(CH2)q-C(O)-, wherein
43        q is an integer, and
44        H3C-C(O)-HN-CH2CH2-O-(CH2CH2O)r-CH2-C(O)-, wherein
45        r is an integer at position 2
47 <221> NAME/KEY: VARIANT
48 <222> LOCATION: (3)...(3)
49 <223> OTHER INFORMATION: Xaa = Ala, Asn, Asp, Gln, Glu, Gly, Leu, Met,
50        PheAla, Pro, and Ser at position 3
52 <221> NAME/KEY: VARIANT
53 <222> LOCATION: (4)...(4)
54 <223> OTHER INFORMATION: Xaa = AlloIle, AllylGly, 2-Abu, (IR,4S)AmCyeCO,
55        Asp, 5-BrThiAla, 3-ClPheAla, 4-ClPheAla,
56        3-CNPheAla, Cys(Et), Cys(Me), 2,3-Diapr,
57        2,4-Diabu, 3,4-diOMePheAla at position 4
59 <221> NAME/KEY: VARIANT
60 <222> LOCATION: (4)...(4)
61 <223> OTHER INFORMATION: Xaa = 3-FPheAla, 4-FPheAla, His, HPheAla, HSer,
```

do you mean Cys?

```
 62      Lys(Ac), Met(O2), Met(O), 4-MePheAla, 1-Nal,
 63      2-Nal, Orn, PheGly, Pro, 3-Pal, 3-ThzAla, 2-ThiAla
 64      at position 4
 66 <221> NAME/KEY: VARIANT
 67 <222> LOCATION: (4)...(4)
 68 <223> OTHER INFORMATION: Xaa = Ser(Bzl), StyAla, Tic, Trp, and Tyr at
 69      position 4
 71 <221> NAME/KEY: VARIANT
 72 <222> LOCATION: (5)...(5)
 73 <223> OTHER INFORMATION: Xaa = AlloIle, deLeu, Gly, Ile, and Pro at
 74      position 5
 76 <221> NAME/KEY: VARIANT
 77 <222> LOCATION: (6)...(6)
 78 <223> OTHER INFORMATION: Xaa = Ala, AlloThr, AllylGly, Asn, Cys, Gln, Gly,
 79      His, HSer, 4-OHMePheAla, Ile, Lys(Ac), Met, 1-Nal,
 80      2-Nal, Nva, OctylGly, Orn, Pen, Pro, 3-Pal, Ser,
 81      Thr, Trp, and Tyr at position 6
 83 <221> NAME/KEY: VARIANT
 84 <222> LOCATION: (7)...(7)
 85 <223> OTHER INFORMATION: Xaa = Ala, AllylGly, 2-Abu, Arg, Asn, Asp,
 86      CamdPheAla, Cit, Cha, Cys, Gln, Glu, Gly, His,
 87      HAla, HIle, HSer, Ile, Leu, Lys(Ac) at position 7
 89 <221> NAME/KEY: VARIANT
 90 <222> LOCATION: (7)...(7)
 91 <223> OTHER INFORMATION: Xaa = Lys(Isp), Met(O2), Met(O)/ Met, 1-Nal,
 92      2-Nal, Nle, Nva, OctylGly, Pen, PheAla, PropGly,
 93      3-Pal, Ser, Thr, Trp, Tyr, and Val at position 7
 95 <221> NAME/KEY: VARIANT
 96 <222> LOCATION: (8)...(8)
 97 <223> OTHER INFORMATION: Xaa = Ala, AlloIle, AllylGly, Asp, Gly(t-Bu), Cit,
 98      Cha, Cys, Glu, Gly, HSer, Ile, Leu, Ley(Ac),
 99      Met, 1-Nal, 2-Nal, Nva, Pen, PheAla, Pro, Ser, Trp,
100      Tyr, and Val at position 8
102 <221> NAME/KEY: VARIANT
103 <222> LOCATION: (9)...(9)
104 <223> OTHER INFORMATION: Xaa = AimPheAla, AiPheAla, Arg, Arg(diethyl), Cit,
105      Cha(Isp), Gly(pipad), GuaAla, 4-GuaPheAla, His,
106      HArg, Lys, Lys(Isp) at position 9
108 <221> NAME/KEY: VARIANT
109 <222> LOCATION: (9)...(9)
110 <223> OTHER INFORMATION: Xaa = Lys(Nic), NArg, Orn(Isp), Orn(Nic),
111      Orn(Imd), (pipamid)Ala, and (pyramid)Ala at
112      position 9
114 <221> NAME/KEY: VARIANT
115 <222> LOCATION: (10)...(10)
116 <223> OTHER INFORMATION: Xaa = 2-Abu, Aib, Gly(t-Bu), HPro, OHPro, Ile,
117      Leu, PheAla, Pro, Ser, Tic, Thr, and Val at
118      position 10
120 <221> NAME/KEY: VARIANT
```

do you mean Leu? (handwritten annotation)

RAW SEQUENCE LISTING   DATE: 12/18/2000
PATENT APPLICATION: US/09/718,591   TIME: 19:40:42

Input Set : A:\6633US02.txt
Output Set: N:\CRF3\12142000\I718591.raw

```
   121 <222> LOCATION: (11)...(11)
   122 <223> OTHER INFORMATION: Xaa = AzaGlyNH2, GlyNH2, GlyNH-ethyl, SarNH2, and
   123        SerNH2 at position 11
   125 <400> SEQUENCE: 1
W--> 126 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
   127 ·1              5               10
```

VERIFICATION SUMMARY   DATE: 12/18/2000
PATENT APPLICATION: US/09/718,591   TIME: 19:40:43

Input Set : A:\6633US02.txt
Output Set: N:\CRF3\12142000\I718591.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1